

✓ delete line 7 in its entirety and insert -Discussion of the Prior

a2 Art--.

Page 2, ✓ line 13, after "(" insert -see German reference-;

a3

✓ line 17, after "(" insert -see German reference-.

a4

Page 4, ✓ after line 14; insert --Summary of the Invention--;

✓ delete lines 19, 20, 21 and 22 in their entirety.

Page 5, ✓ line 11, delete "with reference to Figures" and insert ----;

✓ delete line 12 in its entirety and insert:

✓ --The various features of novelty which characterize the invention are pointed out with particularity in the claims annexed to and forming a part of the disclosure. For a better understanding of the invention, its operating advantages, and specific objects attained by its use, reference should be had to the drawing and descriptive matter in which there are illustrated and described preferred embodiments of the invention.

a5
Brief Description of the Drawings

Figure shows a cross-section through a gasification reactor pursuant to the present

invention; and

Figure 2 shows an enlarged segment of the gasification reactor of Figure 1.

Detailed Description of the Preferred Embodiments--.

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Page 6, ✓ line 4, after "gap" insert --5--;

✓ line 10, delete "its" and insert --the--;

✓ line 10, after "surface" insert ~~of the wall 4~~;

a6 ✓ line 15, after "as" insert --a--;

✓ line 20, delete "coating" and insert --protective layer--;

✓ line 22, delete "10".

Page 7, ✓ line 6, delete "10";

✓ after line 27, insert ~~The invention is not limited by the~~

embodiments described above which are presented as examples only but can be modified in various ways within the scope of protection defined by the appended patent claims.--.

✓ Delete page 8 in its entirety.

In the Claims:

✓ Please cancel claims 1-5, and add the following new claims:

a8 ✓ --6. An appliance for gasification of carbon- and ash-containing fuel, residual and waste materials using an oxygen-containing oxidizing agent at temperatures above a melting point of inorganic fractions and at pressures between atmospheric pressure and 80 bar, comprising a reaction chamber designed as an entrained-bed reactor, the reaction chamber having a contour delimited by a cooled reactor wall of the following structure, from the outside inward: